

Abstract

An Antenna

A dual polarised antenna 1 has two types of antenna elements combined. Each
5 type of antenna element is formed on a planar substrate. The substrates are furnished
with inter-engaging slots to enable assembly of the elements. Signal feeds are connected
to the active parts of the elements by means of connection points furnished at off axis
positions. The off-axis positions for connection enable an arrangement in which the
locus of the effective phase centres of the antenna element scan be co-located yielding a
10 convenient arrangement with good performance.

Figure 1